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	L #	Hits	Search Text	DBs	Time Stamp
1	L1	4693	(427/508-521,542,553,554,557).CCLS.	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/10/2 0 12:13
2	L2	991	1 and (wood wooden timber lumber furniture board plywood)	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/10/2 0 12:15
3	L3	371	2 and (IR infrared radiant adj(heat energy heating))	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/10/2 0 12:19
4	L4	27	3 and "near" adj (IR infrared)	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/10/2 0 12:18

NIR

Near Infra-Red

SN 09/857,831

2

	L #	Hits	Search Text	DBs	Time Stamp
5	L5	0	3 and (nearIR nearinfrared)	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/10/2 0 12:18
6	L6	231	3 and (pigment colorant dye varnish\$4 lacquer\$4)	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/10/2 0 12:20
7	L7	23	4 and 6	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/10/2 0 12:20
8	L8	4	4 not 7	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/10/2 0 12:20

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	L #	Hits	Search Text	DBs	Time Stamp
9	L9	208	6 not 7	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/10/2 0 12:20

10 | L10 | 3 | 3 and NIR not 4

11 | L11 | 0 | 3 w/ ("mar" adj infra adj red) not (4 or 10)

need to be 9/7/01 → 10/21/99 (71 date)

L7

4

	Document ID	Issue Date	Title	Current OR	Inventor
1	US 2003014 8039 A1	20030807	Method for producing coatings, adhesive layers or sealing layers for primed or unprimed substrates	427/557	Blum, Rainer et al.
2	US 2003012 9323 A1	20030710	Method for producing coatings, adhesive coatings and seals that can be cured using actinic radiation	427/553	Dornieden, Ludger et al.
3	US 2003012 9300 A1	20030710	Repair coating method	427/140	Okada, Toshikazu et al.

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	Document ID	Issue Date	Title	Current OR	Inventor
4	US 2003011 8747 A1	2003062 6	Method for producing coatings, adhesive layers or sealing systems for primed or unprimed substrates	427/557	Blum, Rainer et al.
5	US 2003010 9595 A1	2003061 2	Photocurable primer composition and coating method by use of the same	522/81	Okada, Toshikazu et al.
6	US 2003010 0667 A1	2003052 9	Aqueous powder coating dispersions (powder slurries), and method for producing the same	524/558	Bendix, Maxmillian et al.

prob. not present ? pull ?

powdery slurry

EP - long not specified

Feb-PCT 2/1/01

use IRa

Recor TK

[0098] lamps

[0044] B4. inorg. color pigments

[0070] switch subs used esp. furniture

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	Document ID	Issue Date	Title	Current OR	Inventor
7	US POT 2003009 9782 A1	21/1/01-EP 2003052 9	Method for the production of coating s, adhesiv e layers or seals for primed or unprime d substrates	427/554	Blum, Rainer et al.
8	US 7/31/01 2003005 4118 A1	2003032 0	Process for coating	427/557	Rekowsk i, Volker et al.
9	US 10/31/01 2002008 1391 A1	2002062 7	Process for coating substrates	427/508	Baumbac h, Beate et al.
10	PCT Filed 11/5/99 US pub 5/25/00 6531189 B1	2003031 1	Method for hardeni ng <u>powder coating</u> s	427/514	Blatter 'Karsten et al.
11	US 6506458 B1	PCT Filed 3/14/00 pub 10/5/00 2003011 4	Method for coating motor vehicle bodies or parts thereof	427/493	Blatter 'Karsten et al.

like 2
6/2

NPR

[0048] IR or
near IR or Induct,
or conversion heatpowder
no dryingNot patent, but
pull

abst- dry IR

7

pull
? JDP?

12

	Document ID	Issue Date	Title	Current OR	Inventor
	US 6436485 B1	20020820	Method for powder-coating	427/521	Sedlmeyer, Martin
13	US 6297294 B1	20011002	Method for improving the adhesion of a photopolymerizable composition to copper	522/79	Lazaar, Kenneth Isaac

Prior art
but
X

10/7/99
Printed circuit boards

app

8

	Document ID	Issue Date	Title	Current OR	Inventor
14	US 6277897 B1	6/13/99 Prov → 6/13/98 20010821	Photoinitiators and applications thereof	522/34	Nohr, Ronald Sinclair et al.
	(B374) The radiol. list NIR ref Wood et al				
15	US 6200646 B1	8/25/99 20010313	Method for forming polymeric patterns, relief images and colored polymeric bodies using digital light processing technology	427/510	Neckers, Douglas C. et al.
	(D8) The photo polystyrene sub. wood. Cl. 3 - NIR Cl 6 - wood, paper				

X

pull

Cl. 9 - comp - my include figure 1 manners

9

	Document ID	Issue Date	Title	Current OR	Inventor
16	US 6127073 A	20001003	Method for concealing information and document for securely communicating concealed information	430/19	Nohr, Ronald Sinclair et al.
17	US 6120949 A	20000919	Photoerasable paint and method for using photoerasable paint	430/19	Nohr, Ronald Sinclair et al.
18	US 5989781 A <i>(De4) Rose - main capillary supports ... wood ...</i>	19991123 <i>7/25/97</i>	Method for producing printing plates	430/309 <i>(DTF) IR on mounting - (78)</i>	Idacavage, Michael J. et al.
19	US 5989628 A <i>3/21/97</i>	19991123	Plastic lenses and method of producing the same	427/164	Haga, Mitsunobu et al.

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None

	Document ID	Issue Date	Title	Current OR	Inventor
20	US 5985420 A	19991116	Plastic lenses and method of producing the same	428/212	Haga, Mitsuno bu et al.
21	US 5576074 A	19961119	Laser write process for making a conductive <u>metal circuit</u>	427/559	Weigel, David C. et al.
22	US 4900583 A	19900213	Method of producing cast coated <u>paper</u> using near-infrared radiation	427/542	Hirabayashi, Tetsuya et al.
23	US 3933488 A	19760120	Informa <u>tion display method</u> <i>electric</i>	430/97	Noguchi, Yasuhiro et al.

(D7) As for the base paper (original wood) base paper

L10

	Document ID	Issue Date	Title	Current OR	Inventor
1	US 6632535 B1	Fl. 6/8/00 20031014	Method of forming antireflective coatings	428/447	Buazza, Omar M. et al.
2	US 6432491 B1	EP PCT 8/1/00 pub 10/5/00 20020813	Method for producing multi-layer paint coatings	427/514	Blatter, Karsten et al.
3	US 6406757 B1	pub - 8/19/99 PCT 7/12/99 20020618 BJ - wooder plate sub.	Process for coating a surface with a powder coating composition	427/517	Blatter, Karsten et al.

pull

abst lacquer + NIR

pull & →

(b33) the powder ~~can~~ may be applied --- "powder slurry"
NIR advantage - remove H₂O

L8

	Document ID	Issue Date	Title	Current OR	Inventor
1	US Ed. 3/12/89 6194529 B1 <i>board of Trustee</i>	20010227	Ordered polyacetylenes and process for the preparation thereof	<i>Abst - film</i> 526/285	Hollingsworth, Rawle I. et al.
2	US 5493096 A <i>TR</i>	19960220	Thin substrate micro-via interconnect	219/121.71	Koh, Wei H.
3	US 5478607 A	19951226	Method for use of preflux, printed wiring board, and method for production thereof	427/557	Gunji, Hiroshi et al.
4	US 5290586 A	19940301	Method to monitor Meta-Pac ete cure on metallized substrates	427/8	McDonnell Bushnell, Lorraine P. et al.

WTR abs only